

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

pXL-CAG-mBirA272-NRX3b

RRID:Addgene_43921

Type: Plasmid

Proper Citation

RRID:Addgene_43921

Plasmid Information

URL: <http://www.addgene.org/43921>

Proper Citation: RRID:Addgene_43921

Insert Name: BirA272-NRX3b

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23457442](#)

Vector Backbone Description: Backbone Size:6299; Vector Backbone:pXL-CAG; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: 272 indicates the amino acid position that the BirA is inserted in for NRX3b. There is a single alanine deletion in BirA, which is a non-dimerizing mutation. The BirA and AILR insert regions of the plasmid is codon optimized.

Plasmid Name: pXL-CAG-mBirA272-NRX3b

Relevant Mutation: See comments

Record Creation Time: 20220422T222227+0000

Record Last Update: 20260912T092726+0000

Ratings and Alerts

No rating or validation information has been found for pXL-CAG-mBirA272-NRX3b.

No alerts have been found for pXL-CAG-mBirA272-NRX3b.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.